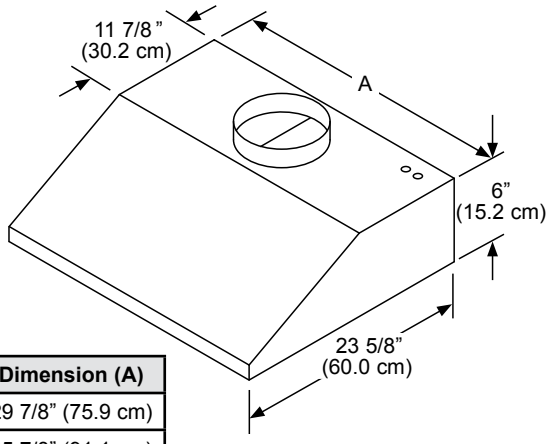
DH

dacor The Life of the Kitchen®

Distinctive™ 30 and 36” Wide Wall Mount Range Hoods

PLANNING GUIDE

All tolerances: ±1/16” (±1.6 mm), unless otherwise stated

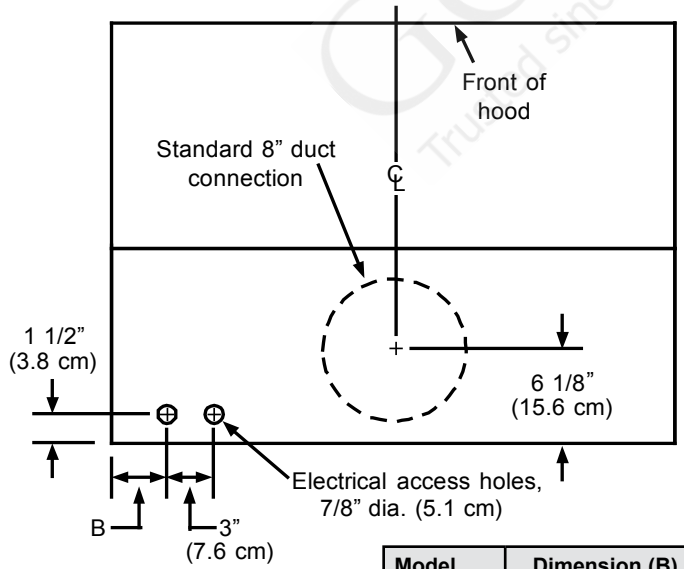


Model	Dimension (A)
DH3006S	29 7/8” (75.9 cm)
DH3606S	35 7/8” (91.1 cm)

OVERALL DIMENSIONS

Specifications	
Filters	2 mesh (baffle type optional, order kit # AHBF2)
Exhaust	8-inch
Total Connect Load	120 Vac, 60 Hz, 2 Amp. Max. (10.0 Amp Max. surge)
Lights	2, 120 Vac, 75 W each halogen
Fan Rating*	340 CFM @ high setting, 275 CFM @ low setting
Weight	DH3006S: 31 lbs. (14.1 kg) DH3606S: 34 lbs. (15.4 kg)

* At zero inches static pressure. Tested with 20 feet of straight duct. Consult your local building department for any make up air requirements.

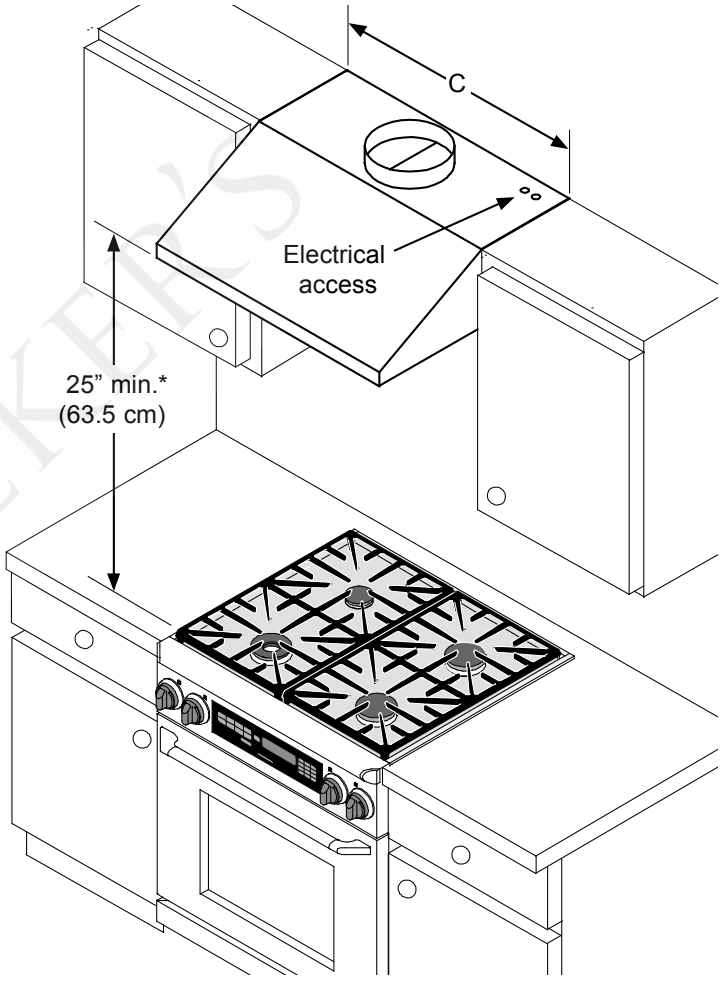


Model	Dimension (B)
DH3006S	4 1/8” (10.5 cm)
DH3606S	6 9/16” (16.7 cm)

TOP DIMENSIONS

⚠ WARNING

- Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.
- This appliance must be installed in accordance with the accompanying installation instructions.



*Above cooking surface

Model	Dimension (C)
DH3006S	30” (76.2 cm)
DH3606S	36” (91.4 cm)

CABINET LAYOUT

- Maximum cooking appliance width: 30 inches for DH3006S, 36 inches for DH3606S.
- The exhaust duct and electrical wiring are connected from the top of the hood.
- The hood must be centered horizontally over the cooktop/range.
- Cabinet storage space located directly above the range should be avoided.

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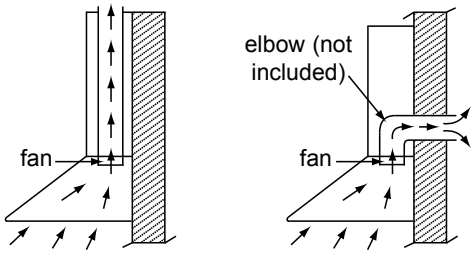
Planning the Duct Work

- For optimal performance, consult a qualified HVAC specialist when designing the duct system.
- All duct work materials (including screws and duct tape) must be purchased separately by the customer.
- When planning new duct work, always look for the shortest, most direct route to the outside.



- You may increase the duct size over the duct run if desired. To prevent a back draft, never decrease the duct size over the run. If existing duct work is smaller than 8 inches, remove and replace with 8-inch duct work.
- To prevent back-drafts, a damper at the duct outlet may be required. Make sure duct work does not interfere with floor joists or wall studs.

Duct Work Design Tips

- Wherever possible, reduce the number of transitions and turns to as few sharp angles as possible. Two staggered 45° angles are better than one 90°.
- Keep turns as far away from the hood exhaust as possible, and as much space between bends as possible.
- For best performance, use round duct instead of rectangular, especially when elbows are required.
- If multiple elbows are used, try to keep a minimum of 24” straight duct between them. Avoid “S” or “back to back” use of adjacent elbows.
- In regions where the weather gets extremely cold, use thermal breaks, such as a short section of non-metallic duct, to avoid indoor heat loss. Locate the break as close as possible to the outside pass through point.
- Do not use flexible metal duct.
- Do not use duct work that is smaller in cross-sectional area than the recommended types above.

Calculating the Maximum Duct Run Length

The maximum straight duct length for the hood is determined by the type of duct used. See the chart below.

Duct Size	Maximum Straight Duct Run
8” round	60 feet
10” round	50 feet
3¼” X 10” rectangular	50 feet

For each elbow and transition added to the duct work, a certain number of feet must be subtracted from the maximum duct run to compensate for wind resistance. To determine the length the duct work cannot exceed, subtract all of the equivalent lengths of the elbows and transitions listed below from the maximum duct run above.

Duct Work Equivalent Lengths

Equivalent Number of Feet - Duct Elbows and Transitions			
45° elbow, 8 inch	3 feet	3 ¼” X 10”, 45° elbow	7 feet
45° elbow, 10 inch	2 feet	3 ¼” X 10”, 90° elbow	15 feet
90° elbow, 8 inch	7 feet	3 ¼” X 10”, 90° flat elbow	20 feet
90° elbow, 10 inch	5 feet	3 ¼” X 10” to 8” round transition	4 feet
90° 3 ¼” X 10” to 8” round transition	25 feet	3 ¼” X 10” to 10” round transition	4 feet
Roof cap	*	Wall cap**	*

* The equivalent lengths of roof and wall caps vary with model and configuration. For equivalent length, contact the manufacturer or a qualified HVAC specialist.

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